

## Surface mounting enclosure, 8 mounting locations

**Part no.**                    **I8**  
**046299**

| <b>General specifications</b>  |  |   |
|--|--|---|
| Product name   |  | Eaton Moeller® series RMQ16 Accessory Surface mounting enclosure  |
| Part no.   |  | I8  |
| EAN  |  | 4015080462996   |
| Product Length/Depth   |  | 100 millimetre  |
| Product height   |  | 75 millimetre   |
| Product width  |  | 153 millimetre  |
| Product weight   |  | 0.335 kilogram  |
| Certifications   |  | UL File No.: E29184<br>CSA File No.: 46552<br>CE<br>CSA<br>UL 508<br>CSA-C22.2 No. 14-05<br>IEC/EN 60947-5<br>UL<br>UL Category Control No.: NKCR<br>CSA Class No.: 3211-03 |
| Product Tradename  |  | RMQ16   |
| Product Type   |  | Accessory   |
| Product Sub Type   |  | Surface mounting enclosure  |
| <b>Features &amp; Functions</b>  |  |   |
| Enclosure color  |  | Gray  |
| Enclosure material   |  | Plastic   |
| Fitted with:   |  | Molded cover fixing screws  |
| Functions  |  | For conventional wiring   |
| Knockouts  |  | 4 x M20 (cable entry knockouts at the bottom)<br>7 x M20 (cable entry knockouts at the side)  |
| Number of locations  |  | 8   |
| <b>General information</b>   |  |   |
| Degree of protection   |  | NEMA 1<br>IP65  |
| Opening diameter   |  | 16 mm   |
| <b>Climatic environmental conditions</b>   |  |   |
| Ambient operating temperature - min  |  | -25 °C  |
| Ambient operating temperature - max  |  | 60 °C   |
| <b>Communication</b>   |  |   |
| Connection to SmartWire-DT   |  | No  |
| <b>Design verification</b>   |  |   |
| Static heat dissipation, non-current-dependent Pvs                               |  | 0 W   |
| 10.2.2 Corrosion resistance  |  | Meets the product standard's requirements.  |
| 10.2.3.1 Verification of thermal stability of enclosures                         |  | Meets the product standard's requirements.  |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat       |  | Meets the product standard's requirements.  |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects |  | Meets the product standard's requirements.  |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                 |  | Please enquire  |
| 10.2.5 Lifting   |  | Does not apply, since the entire switchgear needs to be evaluated.  |
| 10.2.6 Mechanical impact   |  | Does not apply, since the entire switchgear needs to be evaluated.  |
| 10.2.7 Inscriptions  |  | Meets the product standard's requirements.  |
| 10.3 Degree of protection of assemblies  |  | Does not apply, since the entire switchgear needs to be evaluated.  |
| 10.4 Clearances and creepage distances   |  | Meets the product standard's requirements.  |
| 10.5 Protection against electric shock   |  | Does not apply, since the entire switchgear needs to be evaluated.  |
| 10.6 Incorporation of switching devices and components                           |  | Does not apply, since the entire switchgear needs to be evaluated.  |

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| 10.7 Internal electrical circuits and connections        |  | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors                 |  | Is the panel builder's responsibility.   |
| 10.9.2 Power-frequency electric strength                 |  | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage                         |  | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material |  | Is the panel builder's responsibility.   |
| 10.10 Temperature rise                                   |  | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating                               |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.12 Electromagnetic compatibility                      |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.13 Mechanical function                                |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

## Technical data ETIM 9.0

|   |    |                         |
|---|----|-------------------------|
| Low-voltage industrial components (EG000017) / Enclosure for control circuit devices (EC000200)   |    |                         |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecl@ss13-27-37-12-05 [AKF023019]) |    |                         |
| Number of command positions   |    | 8                       |
| Construction type housing   |    | Surface mounted housing |
| Housing material  |    | Plastic                 |
| Housing material quality  |    | Other                   |
| Diameter openings   | mm | 16                      |
| Colour housing cover  |    | Grey                    |
| Degree of protection (IP)   |    | IP65                    |
| Degree of protection (NEMA)   |    | 1                       |
| Width   | mm | 153                     |
| Height  | mm | 75                      |
| Depth   | mm | 100                     |